

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P.O. Drawer "A", Levelland, Texas 79336

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

660' FNL & 2130' FEL, (Unit B, NW/4 NE/4, Sec 26)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

9 3/4 miles northwest from Jal, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3050'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3330.6 RDB

22. APPROX. DATE WORK WILL START*

3/5/79

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1245'	600 sx C1 C x Lodense
7 7/8"	5 1/2"	14#	3500'	670 sx C1 C x Lodense

Propose to abandon the Seven Riversoil zone and plug back to the Yates Gas Zone.

Abandon Seven Rivers zone by setting CIBP at 3100' and cap with 10' cement. Perforate Yates Gas Zone 2890'-94', 2897'-2906', 2912'-16', 2932'-60', 2984'-94', 3009'-11', 3015'-19', 3034'-38', 3044'-46', 3050'-52', 3055'-57' with 2 DPJSPF. Run tubing to base of perfs at 3057' and spot 100 gallons 15% MCA acid. Raise tubing to 2890'. Acidize and frac in 3 stages with 3000 gallons 15% MCF acid with CO₂ and 60,000 gallons 50/50 mix of CO₂ and KCL water and 108,000# 20/40 sand and 3000# rock salt. Swab and evaluate. If zone is productive, application will be made for NSP unit.

CEMENT CAP ON B.P. SHOULD BE 35' CEMENT

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Ray Cox

TITLE

Administrative Supervisor

DATE

February 27, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED
MAR 2 1979

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

0+5-USGS,H

1-Houston

1-Susp

1-RWA

*See Instructions On Reverting